

NTPC's units

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Will the Minister of POWER be pleased to state:

(a) the details of the NTPC's units installed in the country, particularly in the capital, Delhi;

(b) the year-wise/unit-wise details of break down occurred therein during last three years, as on date; and

(c) the steps taken by Government to prevent recurrence of break down occurred in these units time and again?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) The details of NTPC's power plants installed in the country, state-wise are given in statement-I (see below). In Delh, NTPC has Badarpur Thermal Power Station with 750 MW capacity, ownership of which was transferred by Central Government to NTPC with effect from 01.06.2006.

(b) The breakdown of power plant units is measured in terms of forced outages. The details of forced outages for the last three years till date, year-wise and plant-wise is given at Statement II (See below).

(c) As far as NTPC is concerned, there are no repetitive breakdowns in its Plants. The Plant Load Factor (PLF) of NTPC stations (coal based) for last three years is 84.41 % (during 2003-04), 87.51 % (during 2004-05) and 87.54% (during 2005-06), which is much higher than All India PLF.

Statement I*List of NTPC Power Plants***I. Coal Based Projects**

Sl.No.	Project	State	Capacity (MW)
1	2	3	4
1	Singrauli STPS-I & II	UP	2000
2	Rihand STPP-I	UP	1000
	RihandSTPP-II	UP	1000

†Original notice of the question was received in Hindi.

1	2	3	4
3	Unchahar-I	UP	420
	Unchahar-II	UP	420
	Unchahar-I 11	UP	210
4	TandaTPS	UP	440
5	NCTPP-I	UP	840
6	BadarpurTPS -	Delhi	705
7	KobraSTPS-I, II	Chhattisgarh	2100
8	Vindhyachal STPS-I	MP	1260
	VindhyachalSTPS-II	MP	1000
	Vindhyachal STPS-III	MP	500
9	Ramagundam STPS-I & II	AP	2100
	Ramagundam STPS-III	AP	500
10	SimhadriSTPP	AP	1000
11	Farakka STPS-I	WB	600
	Farakka STPS-II	WB	1000
12	Kahalgaoon STPP-I	Bihar	840
13	TalcherSTPP-I	Orissa	1000
	TalcherSTPP-II	Orissa	2000
14	Talcher TPS	Orissa	460
TOTAL (Coal Based Capacity)			21395
II. Combined Cycle Gas/Liquid Fuel Based Project			
1.	Anta-I	Rajasthan	413
2	Auraiya-I	UP	652
3	Dadri	UP	817
4.	Faridabad	Haryana	430
5.	Kawas-I	Gujarat	645
6.	Jhanor-Gandhar-I	Gujarat	648
7.	RGCCPP Kayamkulam-I	Kerala	350
TOTAL (Gas/liquid fuel based capacity)			39955

STPS—Super Thermal Power Station

TPS—Thermal Power Station

CCPP—Combined Cycle Power Plant

Statement II*Details of Forced Outages/Breakdowns (%)*

Station	Forced Outages/Breakdowns (%)			
	2006-7 (April-July)	2005-06	2004-05	2003-04
Coal Stations				
Singrauli STPS	4.22	3.54	1.98	2.39
RihandSTPP	5.13	10.20	1.51	0.78
Unchahar	1.28	1.28	1.47	3.99
TandaTPS	3.25	3.10	1.43	3.01
NCTPR Dadri	0.43	0.51	0.62	1.97
Korba STPS	0.84	7.35	1.31	0.91
Vindhyachal STPS	1.4	2.97	1.12	12.18
Ramagundam STPS	4.75	1.33	1.61	2.11
SimhadriSTPP	1.56	1.75	1.5	6.07
Farakka STPP	4.44	2.52	5.98	5.34
Kahalgaon STTP	1.74	1.82	0.99	2.45
Talcher STPS, Kaniha	1.52	2.94	335	7.30
Talcher Thermal PS	3.63	2.96	3.17	4.05
Badarpur TPS	1.16	1.7	2.53	0.24
Gas/Liquid Fuel Stations		0	0.83	0.07
Anta GPP	0.01			
Auriaya GPP	0.11	0.73	8.27	0.08
Dadri GPP	0.03	1.17	0.29	0.44
Faridabad GPP	0.18	1.48	0.23	0.31
Kawas GPP	0.05	0.17	0.20	1.13
Jhanor Gandhar GPP	0.09	0.04	0.40	0.93
RGCCP, Kayamkulam	0.11	0.00	0.24	1.34

STPS—Super Thermal Power Station

TPS—Thermal Power Station

GPP—Gas Power Project

CCPP—Combined Cycle Power Plant